

SUPERABSORBENT THERMOPLASTIC COMPOSITION AND ARTICLE
INCLUDING SAME

Abstract

5 A thermoplastic composition that includes from about 1 % by weight to 25 % by
weight block copolymer having the formula (A-B)_x where the A block includes
polyvinylarene, the B block includes poly(monoalkenyl) and x is an integer of at least one,
spherical superabsorbent particles comprising polyacrylate, and plasticizing oil, the
composition exhibiting water gel time of no greater than 2 minutes, a viscosity of no
greater than 100,000 centipoise and a wet tensile strength of at least 15 g/in².

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